

FIG. 1
RELATED ART

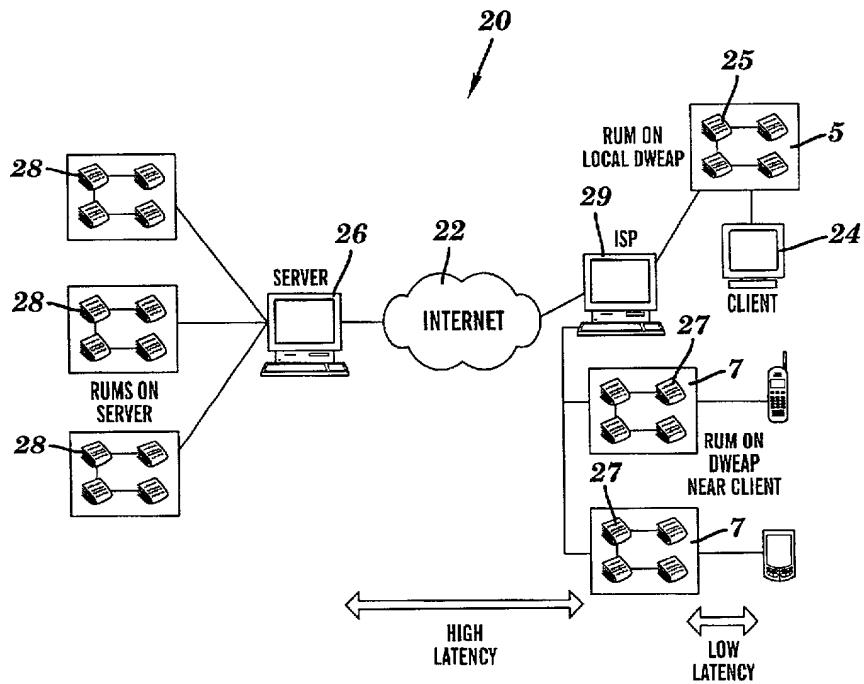
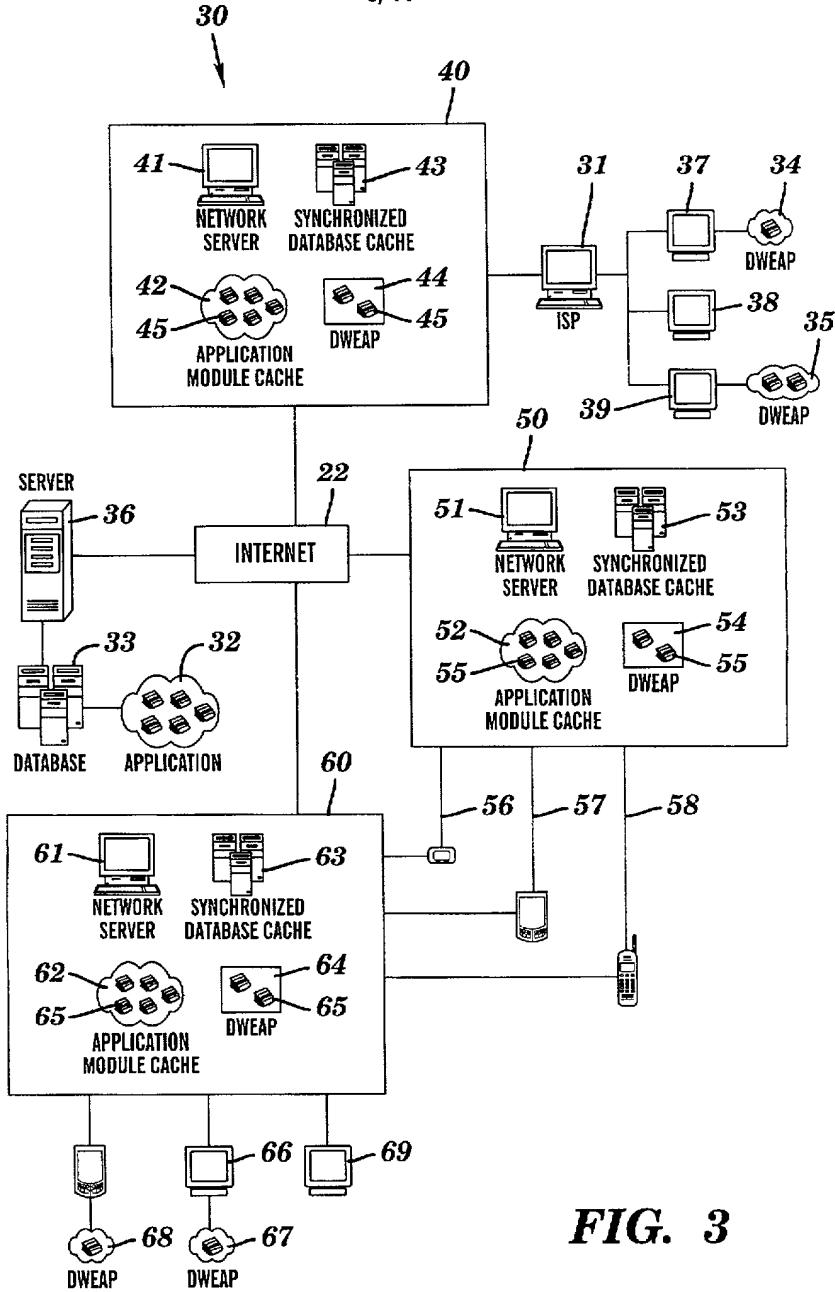


FIG. 2

**FIG. 3**

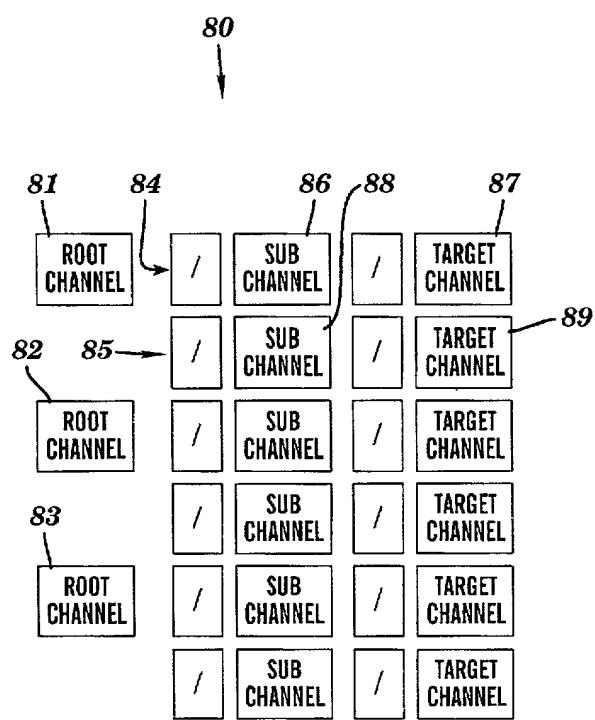


FIG. 4

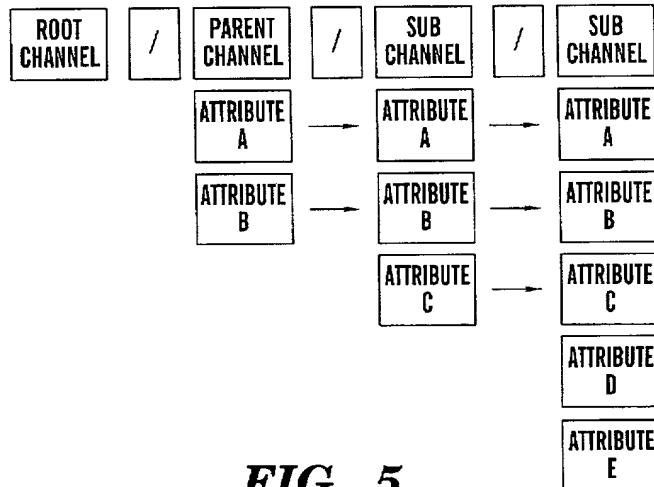


FIG. 5

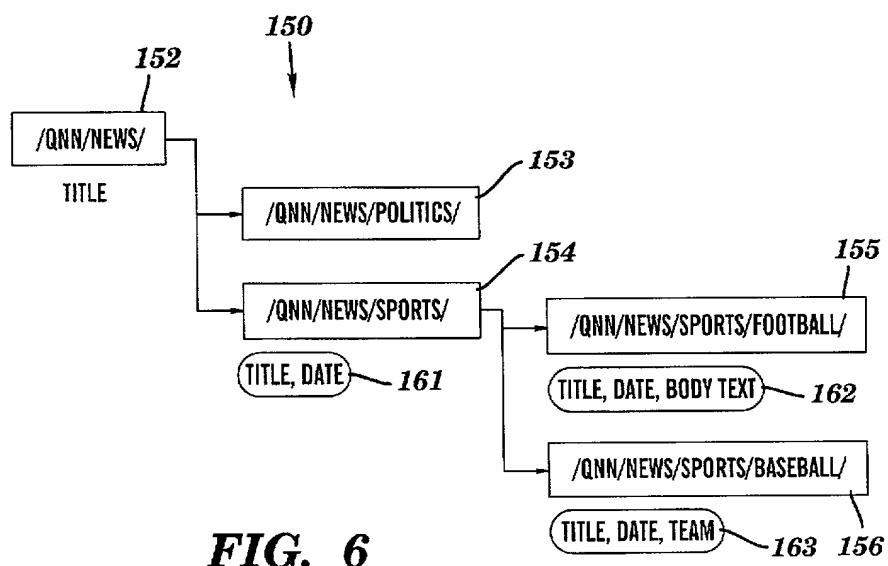
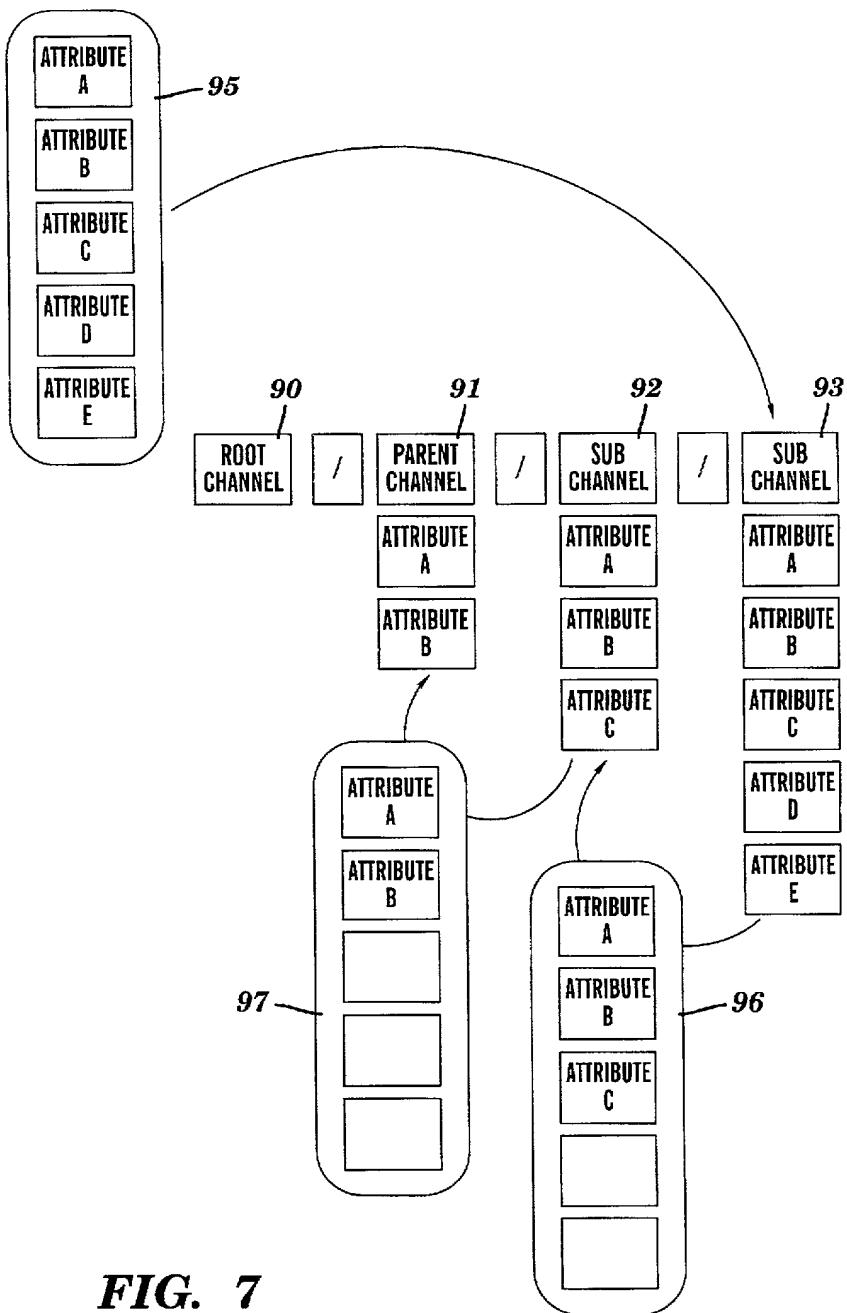


FIG. 6



CONTENT-CACHE**GET /CLIENT-NAME/CHANNEL-PATH/TARGET-TYPE**

RETURNS A STATIC OBJECT SUCH AS A GRAPHICS FILE OR DOWNLOADABLE FILE.

BORDER EXECUTION**GET /CLIENT-NAME/CHANNEL-PATH/TARGET.JAVA**A REQUEST FOR AN EXECUTABLE OBJECT RESULTS IN THE BORDER-EXECUTION OF THAT OBJECT.
THESE ARE WRITTEN AS JAVA SERVLETS.**MESSAGING****GET /CLIENT-NAME/CHANNEL-PATH?METHOD & ATTRIBUTES...**

DIRECTLY REFERENCES A TOPIC. NOTE THERE IS NO FILE EXTENSION.

METHOD = CreateChannel
CREATES A SUBCHANNEL OF THE CURRENT CHANNEL
ATTRIBUTES: NAME OF SUBCHANNELMETHOD = SubscribeChannel
SUBSCRIBES THE CURRENT CHANNEL TO THE SPECIFIED CHANNEL
ATTRIBUTES: NONEMETHOD = UnsubscribeChannel
UNSUBSCRIBES THE CURRENT CHANNEL FROM THE SPECIFIED CHANNEL
ATTRIBUTES: NONEMETHOD = QueryChannel
RETURNS DATA ABOUT CHANNEL AND SUBCHANNEL
ATTRIBUTES: NONEMETHOD = DestroyChannel
DESTROYS THE SPECIFIED CHANNEL
ATTRIBUTES: NONEMETHOD = PublishObject
NEW CONTENT IN THE CHANNEL NEEDS REFRESH
ATTRIBUTES: PATH TO OBJECT THAT NEEDS REFRESH**FIG. 8**

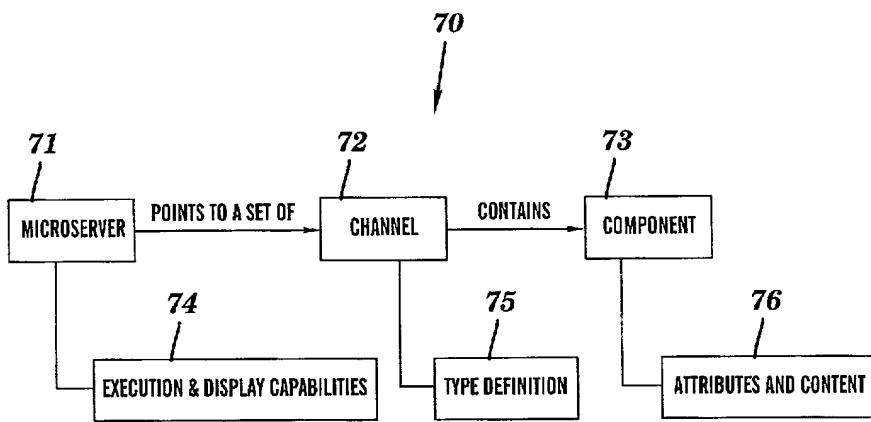
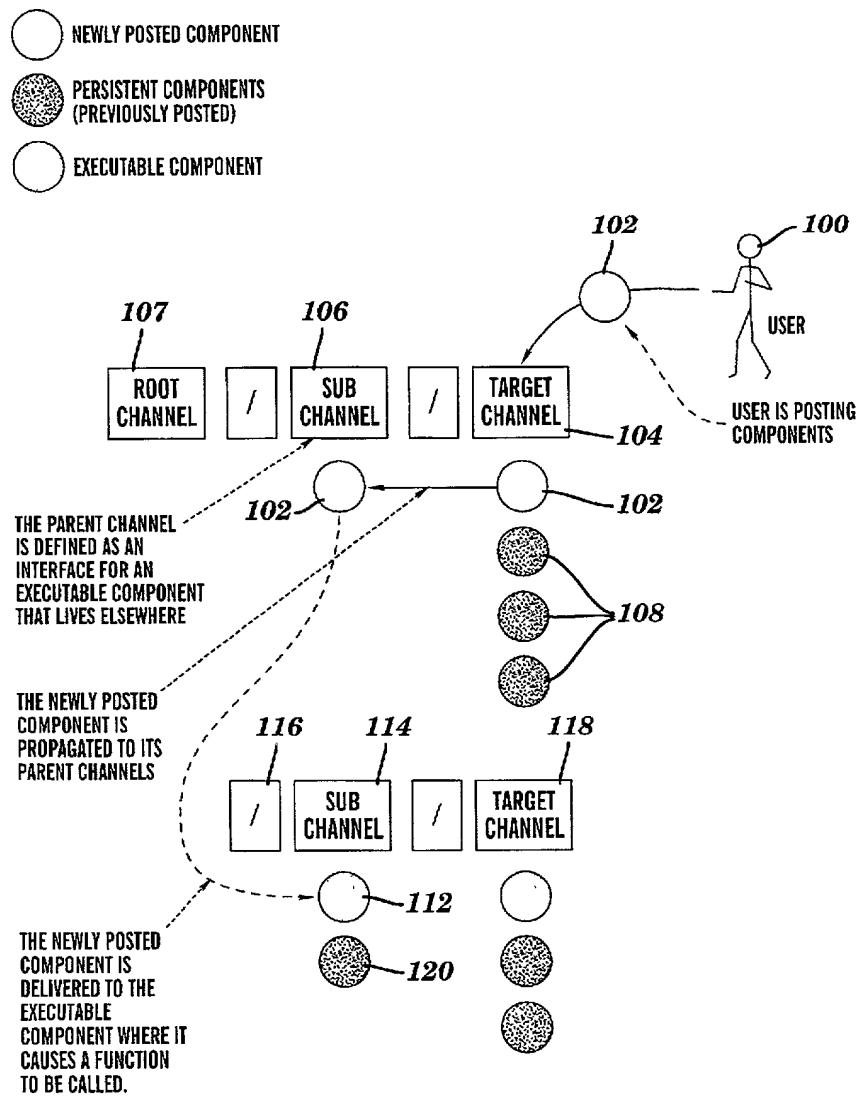


FIG. 9

**FIG. 10**

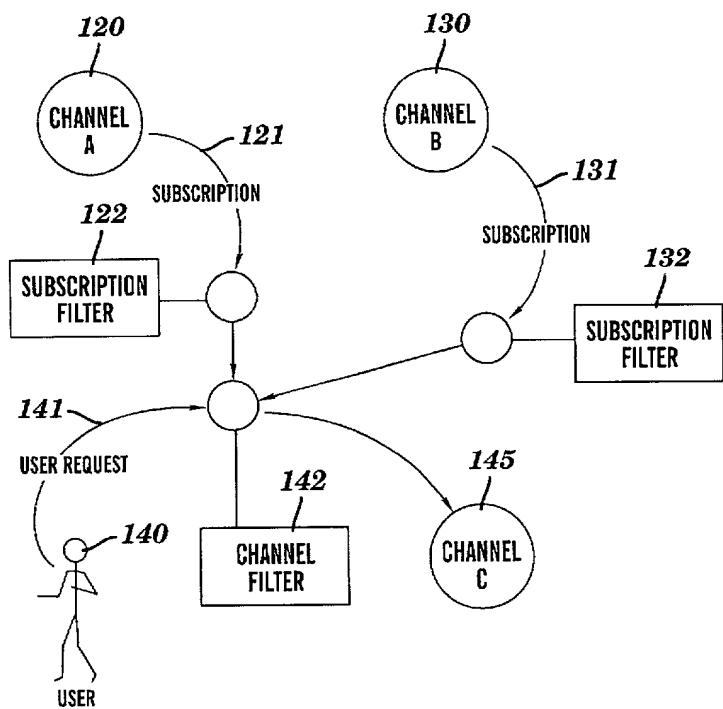
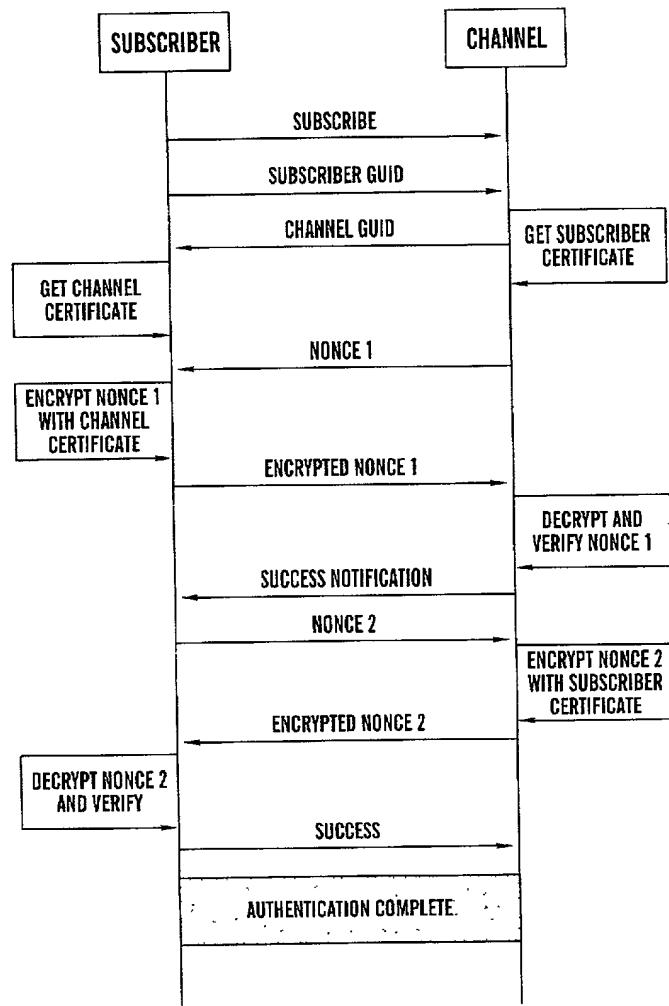
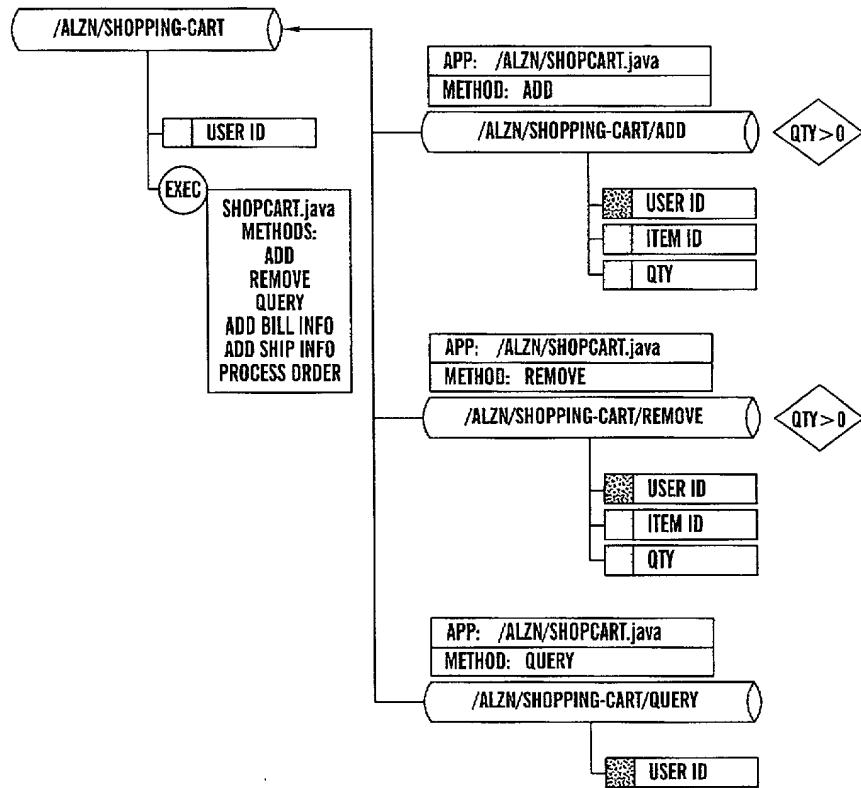
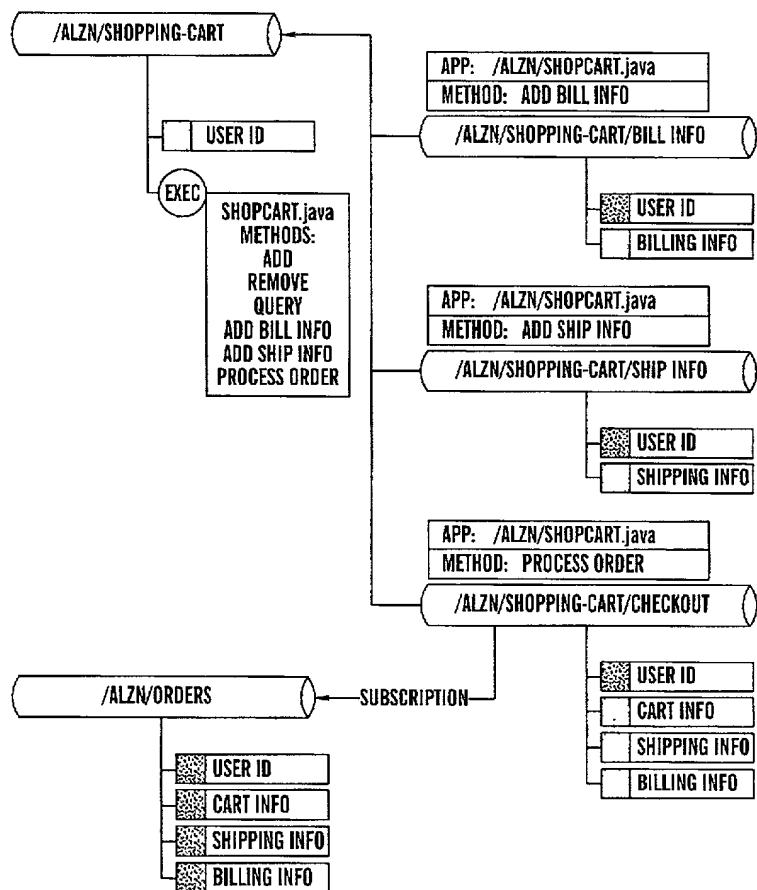


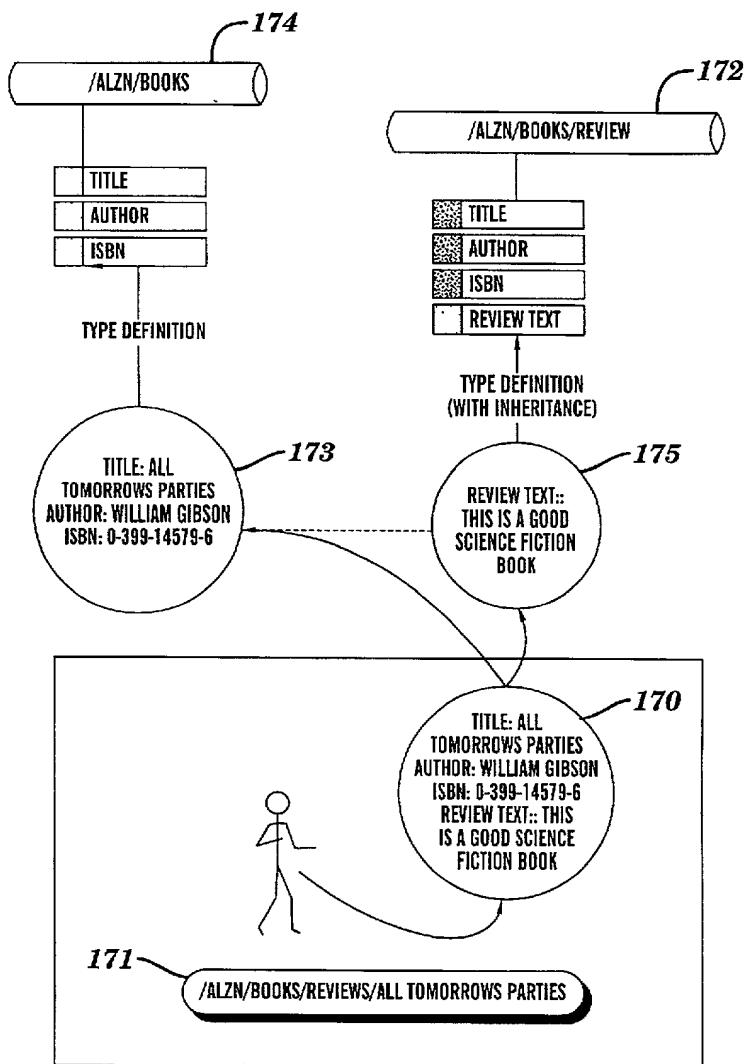
FIG. 11

**FIG. 12**

**FIG. 13**

**FIG. 14**

ALZEN BOOKS / ALZN/BOOKS/REVIEW

**FIG. 15**

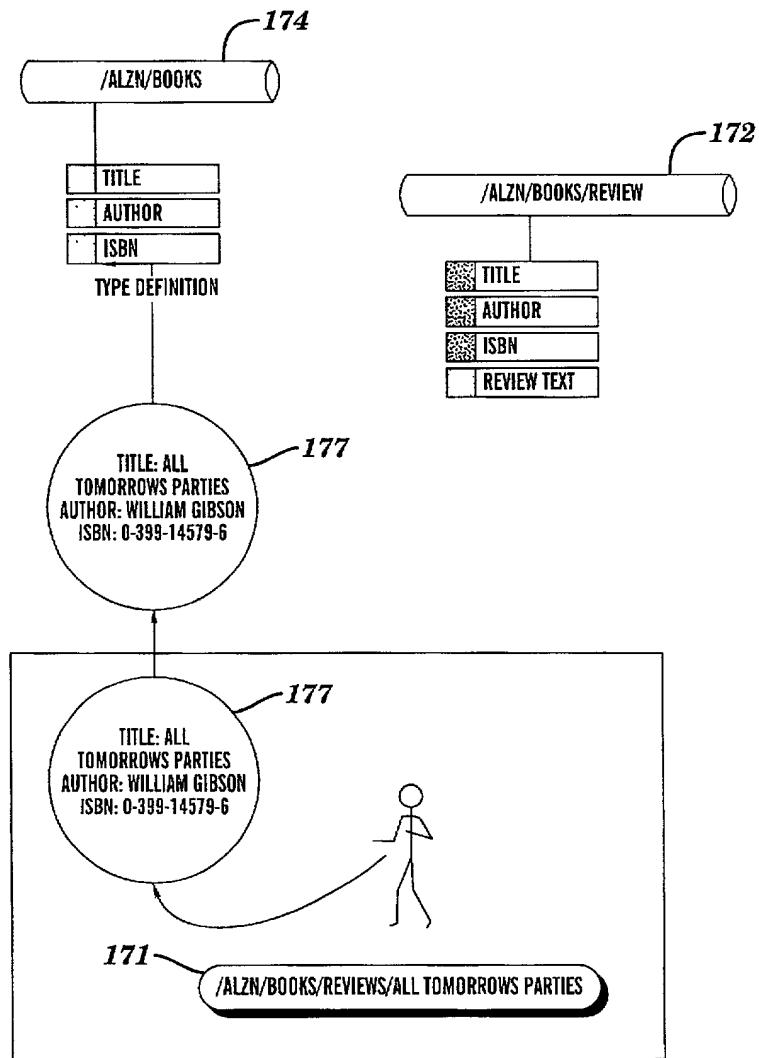
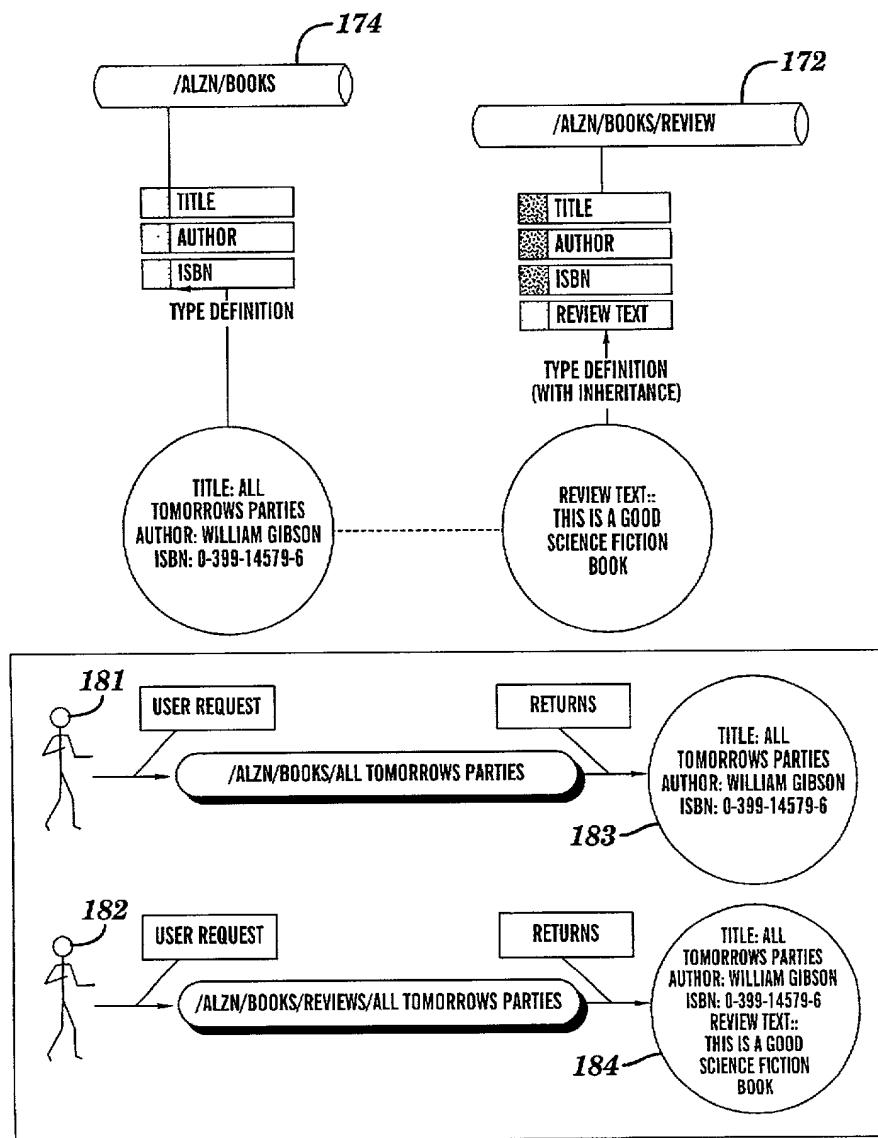


FIG. 16

**FIG. 17**

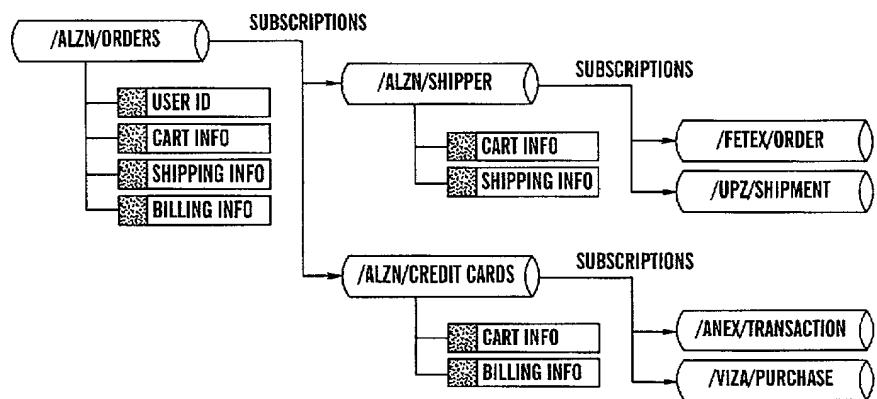


FIG. 18